

Exhibit Name: Indemnity Calculations Exhibit Number: P21-1, Plan 01 Record Name: Acreage Claim Record Code: P21						
Reinsurance Year: 2012 Version: Approved Release Date: 6/30/2011						
Insurance Plan Code 01 Yield Protection						
Commodity Code 0011 Wheat 0018 Rice 0041 Corn 0078 SunFlowers 0015 Canola 0021 Cotton 0051 Grain Sorghum 0081 Soybeans 0091 Barley						
Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 1: Stage Guarantee Calculation						
Guarantee Per Acre1 = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	Common Crop Insurance Policy 'production guarantee (per acre)'.
	Approved Yield	P11	46	99999999.99	None	
	Coverage Level Percent	P14	34	9.9999	None	
Cottonseed Endorsement Option "SE": Modified Yield = Approved Yield * Option Conversion Factor	Modified Yield	Internal		99999999.99	Round to whole number.	Information (Approved Yield and Insured Share Percent) will be obtained from Cotton P11 record.
	Approved Yield	P11	46	99999999.99	None	
	Option Conversion Factor	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".
Guarantee Per Acre1 = Modified Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	Round to whole number.	
	Coverage Level Percent	P14	34	9.9999	None	
Guarantee Per Acre2 = Guarantee Per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	
	Guarantee Adjustment Factor	P11	41	0.999	None	
Acre Stage Guarantee Amount = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	Internal		99999999.99	Round to nearest dollar and cents.	Not used in determination of Loss Guarantee Amount
	Price Election Amount	P11	49	9999.9999		Common Crop Insurance Policy 'yield protection guarantee (per acre)'.
Section 2: Loss Guarantee Calculation						
Loss Guarantee Amount = Guarantee Per Acre2 * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	46	99999999.99	Round to nearest dollar and cents.	
	Determined Acreage	P21	17	99999999.99	None	
	Liability Adjustment Factor	P21	38	9.999999	None	

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Insurance Plan Code		01 Yield Protection							
Commodity Code		0011 Wheat 0015 Canola		0018 Rice 0021 Cotton		0041 Corn 0051 Grain Sorghum		0078 SunFlowers 0081 Soybeans 0091 Barley	
Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules		
Section 3: Indemnity Calculation									
Revenue Conversion = Production to Count Quantity * Price Election Amount Production to Count		Revenue Conversion Production to Count	P21	49	99999999.99	Round to nearest dollar and cents.			
		Production to Count Quantity	P21	34	99999999.99	None			
		Price Election Amount	P11	49	9999.9999				
Unit Deficiency Quantity = Loss Guarantee Amount – Revenue Conversion Production to Count		Unit Deficiency Quantity	P21	45	S99999999.99	Round to nearest dollar and cents.			
Preliminary Indemnity Amount = Unit Deficiency Quantity * Insured Share Percent		Preliminary Indemnity Amount	P21	49	S9999999999	Round to whole number.			
		Insured Share Percent	P11	47	9.999	None			
Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor		Indemnity Amount	P21	50	S9999999999	Round to whole number.			
		Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".		
Total Indemnity ∑ Indemnity Amount for the Unit		Total Indemnity	Internal		S9999999999	Round to whole number.			
Replant Payment for Yield Protection, "01"									
Section 4: Replant Payment Stage Guarantee Calculation									
When Stage Code equals Replanted, "R", <									

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Commodity Code 0011 Wheat 0018 Rice 0041 Corn 0078 SunFlowers 0015 Canola 0021 Cotton 0051 Grain Sorghum 0081 Soybeans 0091 Barley						
Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	
	Guarantee Adjustment Factor	P11	75	0.999	None	
Acre Stage Guarantee Amount = Lesser of: (20% of Guarantee Per Acre2 } = OR (Maximum Replant Guarantee Per Acre) * Price Election Amount	Acre Stage Guarantee Amount	Internal		999999999.99	Round to nearest dollar and cents.	Not used in determination of Loss Guarantee Amount
	Price Election Amount	P11	49	99999.9999	None	
	Maximum Replant Guarantee Per Acre	ICE				Edit with ICE "D00129".
Section 5: Replant Payment Loss Guarantee Calculation						
Lesser of ((20% Guarantee Per Acre2) or Maximum Loss Guarantee Amount = Replant Guarantee Per Acre) * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	46	99999999.99	Round to nearest dollar and cents.	
	Determined Acreage	P21	17	99999999.99	None	
	Liability Adjustment Factor	P21	38	9.999999	None	
Section 6: Replant Payment Indemnity Calculation						
Indemnity Amount = Loss Guarantee Amount * Insured Share Percent	Indemnity Amount	P21	51	S9999999999	Round to whole number.	
	Insured Share Percent	P11	48	9.999	None	
Total Indemnity = Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	

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Commodity Code							0011 Wheat 0015 Canola							0018 Rice 0021 Cotton							0041 Corn 0051 Grain Sorghum							0078 SunFlowers 0081 Soybeans 0091 Barley						
Calculations							Field Name			Record Number		Field Number		Field Format		Field Rounding			Rules															
Prevented Planting Payment for Yield Protection, "01".																																		
Section 7: Prevented Planting Payment Stage Guarantee Calculation																																		
When Stage Code equals: 																																		

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Insurance Plan Code		01 Yield Protection				
Commodity Code		0011 Wheat	0018 Rice	0041 Corn	0078 SunFlowers	
		0015 Canola	0021 Cotton	0051 Grain Sorghum	0081 Soybeans	
					0091 Barley	
Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Acre Stage Guarantee Amount = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	Internal		99999999.99	Round to nearest dollar and cents.	Common Crop Insurance Policy 'yield protecton guarantee (per acre)'. Not used in determination of Loss Guarantee Amount.
	Price Election Amount	P11	49	99999.9999	None	
Section 8: Prevented Planting Payment Loss Guarantee Calculation						
Loss Guarantee Amount = Guarantee Per Acre2 * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	46	99999999.99	Round to nearest dollar and cents.	
	Determined Acreage	P21	17	99999999.99	None	
	Liability Adjustment Factor	P21	38	9.999999	None	
Section 9: Prevented Planting Payment Indemnity Calculation						
Preliminary Indemnity Amount = Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	49	999999999999	Round to whole number.	
	Insured Share Percent	P11	47	9.999	None	
Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	50	999999999999	Round to whole number.	
	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemnity = ∑ Indemnity Amount for the Unit	Total Indemnity	Internal		999999999999	Round to whole number.	
Malting Barley Price and Quality Endorsement (Options MA and MB)						
Section 10: Malting Barley Stage Guarantee Calculation						
Guarantee Per Acre1 = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		999999999.9	Round to 1 decimal.	
	Approved Yield	P11	46	99999999.99	None	Common Crop Insurance Policy
	Coverage Level Percent	P14	34	9.9999	None	
Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	Internal		99999999.99	Round to 1 decimal.	
	Guarantee Adjustment Factor	P11	75	0.999	None	
Acre Stage Guarantee Amount = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	Internal		999999999.99	Round to dollar and Cents	Common Crop Insurance Policy 'yield protecton guarantee (per acre)'. Not used in determination of Loss Guarantee.
	Price Election Amount	P11	49	99999.9999	None	

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<u>Commodity Code</u>	0011 Wheat	0018 Rice			0041 Corn		0078 SunFlowers
	0015 Canola	0021 Cotton			0051 Grain Sorghum		0081 Soybeans 0091 Barley
<u>Calculations</u>		<u>Field Name</u>	<u>Record Number</u>	<u>Field Number</u>	<u>Field Format</u>	<u>Field Rounding</u>	<u>Rules</u>
Section 11: Malting Barley Loss Guarantee Calculation							
Loss Guarantee Amount = Guarantee Per Acre2 * Price Election Amount * Determined Acreage * Liability Adjustment Factor		Loss Guarantee Amount	P21	46	99999999.99	Round to nearest dollar and cents.	
		Determined Acreage	P21	17	99999999.99	None	
		Liability Adjustment Factor	P21	38	9.999999	None	
Section 12: Malting Barley Indemnity Calculation							
Revenue Conversion Production To Count = Production to Count Quantity * Price Election Amount		Revenue Conversion Production To Count	P21	43	99999999.99	Round to nearest dollar and cents.	
		Production to Count Quantity	P21	34	99999999.99	None	
		Price Election Amount	P11	49	99999.9999	None	
Unit Deficiency Quantity = Loss Guarantee Amount – Revenue Conversion Production to Count		Unit Deficiency Quantity	P21	45	\$99999999.99	Round to nearest dollar and cents.	
Preliminary Indemnity Amount = Unit Deficiency Quantity * Insured Share Percent		Preliminary Indemnity Amount	P21	49	\$9999999999	Round to whole number.	
		Insured Share Percent	P11	47	9.999	None	
Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor		Indemnity Amount	P21	50	\$9999999999	Round to whole number	
		Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemnity = ∑ Indemnity Amount for the Unit		Total Indemnity	Internal		\$9999999999	Round to whole number.	